

JAN 27 2004

OFFICIAL

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
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Application Number: 09/990,085

Filing Date: Nov 21, 2001

Certificate of Transmission under 37 CFR 1.8

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1. Fee Transmittal
2. Response To Office Action Dated December 10, 2003

Total pages including cover sheet: 38

(703) 872-9306

MS1-1031US

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0951-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 348.00

## Complete If Known

Application Number 09/990,085

Filing Date Nov 21, 2001

First Named Inventor Mech

Examiner Name ARNOLD, ADAM

Art Unit 2671

Attorney Docket No. MS1-1031US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

12-0769

Lee &amp; Hayes, PLLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 285	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	29	Extra Claims	5	Fee from below	18	Fee Paid	90
Independent Claims	7		3		86		258
Multiple Dependent	4						

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 348.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1261 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

## SUBMITTED BY

Name (Print/Type)

Frederick M. Fliegel

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36,138

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Signature

Date

Jan 27, 2004

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JAN 27 2004

#7  
Amdt A  
1-300  
OFFICIAL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application, Serial No. ....09/990,085  
Filing Date .....October 21, 2001  
Inventor..... Radomir Mech  
Group Art Unit .....2697  
Examiner ..... Zimmerman, Mark E.  
Attorney's Docket No. .... MSI-1031US  
Confirmation No. ....1282  
Title: Rendering Volumetric Fog and Other Gaseous Phenomena

**RESPONSE TO OFFICE ACTION DATED DECEMBER 10, 2003**

To: Commissioner for Patents,  
PO Box 1450  
Alexandria, Virginia 22313-1450

From: Frederick M. Fliegel (Tel. 509-324-9256 x239; Fax 509-323-8979)  
Customer No. 22801

**Amendments to the Specification begin on page 2.**

**Amendments to the Drawing begin on page 12.**

**Amendments to the Claims begin on page 13.**

**New Claims begin on page 19.**

**Remarks begin on page 21.**

**Response to Rejections Under 35 U.S.C. §112 begins on page 22.**

**Traverse of Double Patenting Rejections begins on page 23.**

**Traverse of Rejections Under 35 U.S.C. §102 begins on page 27.**

**Traverse of Rejections Under 35 U.S.C. §103 begins on page 33.**